6. Performing the experiment.
7. Recording & summarizing all data (charts, data tables, graphs, daily journal, photographs, etc.)
8. Analysis of data and conclusion.
9. Completion of Final Research Paper.
10. Presentation of research and experimental results at the science symposium (the date will be announced as soon as possible).

Below is a tentative list of deadlines (which are subject to change at the teacher's discretion):

- **(Week 1)** Topic / Question to be answered must be turned in and APPROVED!

- **(End of Week 1)** Identify/confirm components to be researched (Organism, Independent Variable & Dependent Variable).

- **(Weeks 2 and 3)** Locate sources of information about your topic. You should find at least four reliable resources. At least one must be a book and a second must be an internet site. Other possible sources include newspaper articles, magazines, and people with expertise in your topic.

- **(Week 4)** Background Research Due for Peer Evaluation (Intro Paper) along w/a page of Sources Cited). Don't forget to have your sources sited in the body of your paper as well.

- **(Week 5)** Intro Paper due for Teacher Evaluation (including changes made from Peer Review)…peer evaluations must be turned in with your paper.

- **(Week 7)** Experimental Design Due (materials & methods and sample data tables, graphs & charts)

- **(Week 14)** Rough Draft of your final research paper is due.
  - This paper will be the result of combining your: Introduction Paper + Experimental Design + Results. You should include actual data, tables, graphs, charts & pictures that will be in your final paper.
  - A new and VERY IMPORTANT component that must be included is the Analysis of your data and the final conclusion.

- **(Date TBA)** Science Symposium 6-8pm
  - Final draft of Research Papers Due
  - Presentation of research & results

Selection of Topic

In this project you are asked to investigate the effect of some environmental factor on some organism. When you pick a topic please take the time to find something that interests you. Consider the amount of time that you will be able to give daily once your experiment begins. You need to be able to make thorough observations at roughly the same time each day.